35

## SEQUENCE LISTING

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<110> Thayer, Edward C.
     Webster, Philippa J.
<120> Human Secreted Protein, Zzp1
<130> 00-54
<150> 60/222,814
<151> 2000-08-04
<150> 60/260,512
<151> 2001-01-09
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ctg ctg gtt gcc acc ctg ggg ctg ggt agg tgg ctc cag ccc gac cca
                                                                   96
Leu Leu Val Ala Thr Leu Gly Leu Gly Arg Trp Leu Gln Pro Asp Pro
             20
                                 25
                                                      30
ggc ctc cgg cac agc tac gac tgt ggg atc aag gga atg cag ctg ctg
                                                                   144
Gly Leu Arg His Ser Tyr Asp Cys Gly Ile Lys Gly Met Gln Leu Leu
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40

45

						_			_			-	gat Asp	192
			-		_	_			_		_		cac His	 240
													tac Tyr 95	288
	-				-		-				-	_	gtg Val	336
		-	-										gac Asp	384
	-		_				-						tcc Ser	432
_	_			-	_			_					ctt Leu	480
													gcc Ala 175	528
													cct Pro	576
													caa Gln	624
													tac Tyr	672

		cag Gln 230									720
		aga Arg						-	-		768
		acc Thr									816
		ttc Phe									864
		aca Thr			_	-				-	912
		agc Ser 310							-		960
		cct Pro									1008
		atc Ile									1056
		cag Gln									1104
		gtc Val					-			_	1152

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		 aaa gac gag Lys Asp Glu 410		
		gtg agg ctg Val Arg Leu		
		 agg aca gac Arg Thr Asp	-	-
	· · · · ·	 ccc agt gcc Pro Ser Ala 460		_
		ggc tgc cct Gly Cys Pro 475		
	_	 gac ggg gcc Asp Gly Ala 490		_
		acc ttc gcc Thr Phe Ala		
		 gtt tac ttg Val Tyr Leu		
		 act tgc tcc Thr Cys Ser 540		•
		 tca ggt cac Ser Gly His 555		

gcc Ala	: agg ı Arg	ccc Pro	cag G1n	gac Asp 565	Ile	gtg Val	agc Ser	tct Ser	ccg Pro 570	Gly	cca Pro	gtg Val	ggc Gly	ttt Phe 575	gag Glu	1728
gat Asp	tct Ser	tat Tyr	999 Gly 580	cag Gln	gag Glu	ccc Pro	aca Thr	ctt Leu 585	Gly	ccc	aca Thr	gac Asp	tcc Ser 590	Asn	999 Gly	1776
aac Asn	tcc Ser	agc Ser 595	Leu	aga Arg	cct Pro	ctc Leu	ctt Leu 600	tgg Trp	gcg Ala	gtc Val	ctt Leu	ttg Leu 605	ctg Leu	cca Pro	gct Ala	1824
gtt Val	gcc Ala 610	ctg Leu	gtc Val	ctt Leu	ggg Gly	ttt Phe 615	ggt Gly	gtc Val	ttt Phe	gtg Val	ggc Gly 620	ctg Leu	agc Ser	cag Gln	acc Thr	1872
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Leu	Leu	Val	Ala 20	Thr	Leu	Gly	Leu	Gly 25	Arg	Trp	Leu	Gln	Pro 30		Pro	
Gly	Leu	Arg 35		Ser	Tyr	Asp	Cys 40		Ile	Lys	Gly	Met 45	Gln	Leu	Leu	
Val	Phe 50		Arg	Pro	Gly	G1n 55		Leu	Arg	Phe	Lys 60	_	Val	Asp	G1u	
Phe 65		Asn	Arg	Phe	Asp 70		Asn	Asn	Cys	Ser 75		Cys	Tyr	His	Trp 80	
	Thr	Ser		Pro 85	G1n	G1u	Pro		Va1 90		Ser	Ala	Asp	Tyr 95	Arg	
Gly																

Met	: Glu	4 Ala 115		Leu	Pro	Asn	Gly 120		Val	Asp	Val	Ala 125		Asp	Ala
Thr	Leu 130		: Cys	Pro	Lys	Pro 135		Pro		Arg	Thr 140	Leu		Ser	G1n
Leu 145	Ala	Pro	Pro	Ala	Met 150		Ser	Val	Ser	Thr 155	Pro		Thr	Leu	Ser 160
Phe	Leu	Pro	Thr	Ser 165		His	Thr	Ser	G7n 170		Ser	Gly	His	Ala 175	Phe
			180					185					190		Ala
		195					200					205			Pro
	210					215					220				Ile
225					G1n 230					235					240
				245	Arg				250					255	
			260		Thr			265					270		
		275			Phe		280					285			
	290				Thr	295					300				
305					Ser 310					315					320
				325	Pro				330					335	
			340		Ile			345					350		
		355			Gln		360					365			
	370					375					380				
385					Pro 390					395					400
				405	Leu				410					415	
			420		Asp			425					430		
Vdl	ПΙЅ	va i 435	GIU	val	Arg		Leu 440	GIN	Arg	ſhr		Pro 445	Asn	Leu	Val

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Leu Leu His Gln Cys Trp Gly Ala Pro Ser Ala Asn Pro Phe Gln
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                        455
Gln Pro Gln Trp Pro Ile Leu Ser Asp Gly Cys Pro Phe Lys Gly Asp
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                                                             480
Ser Tyr Arg Thr Gln Met Val Ala Leu Asp Gly Ala Thr Pro Phe Gln
                485
                                     490
Ser His Tyr Gln Arg Phe Thr Val Ala Thr Phe Ala Leu Leu Asp Ser
            500
                                 505
Gly Ser Gln Arg Ala Leu Arg Gly Leu Val Tyr Leu Phe Cys Ser Thr
        515
                            520
                                                 525
Ser Ala Cys His Thr Ser Gly Leu Glu Thr Cys Ser Thr Ala Cys Ser
                        535
                                             540
Thr Gly Thr Thr Arg Gln Arg Arg Ser Ser Gly His Arg Asn Asp Thr
545
                    550
                                         555
                                                             560
Ala Arg Pro Gln Asp Ile Val Ser Ser Pro Gly Pro Val Gly Phe Glu
                565
                                    570
                                                         575
Asp Ser Tyr Gly Gln Glu Pro Thr Leu Gly Pro Thr Asp Ser Asn Gly
            580
                                585
Asn Ser Ser Leu Arg Pro Leu Leu Trp Ala Val Leu Leu Pro Ala
        595
                            600
                                                 605
Val Ala Leu Val Leu Gly Phe Gly Val Phe Val Gly Leu Ser Gln Thr
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Trp Ala Gln Lys Leu Trp Glu Ser Asn Arg Gln
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<213> Artificial Sequence

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<221> misc\_feature

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<221> misc feature
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744, 753, 765, 768, 786, 789, 795, 798, 810, 816, 819, 822,
825, 837, 843, 852, 855, 858, 861, 864, 876, 879, 882, 888,
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1080, 1086, 1089, 1095, 1098, 1107, 1113, 1116, 1122, 1131,
1134
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1443, 1449, 1452, 1461, 1464, 1467, 1473, 1476, 1479, 1482,
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<223> n = A,T,C or G
<221> misc feature
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<223> n = A,T,C or G
<221> misc feature
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1788, 1791, 1794, 1797, 1800, 1806, 1809, 1812, 1815, 1818.
1821, 1824, 1827, 1830, 1833, 1836, 1839, 1842, 1848
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ggnathaarg gnatgcaryt nytngtntty conmgncong gncaracnyt nmgnttyaar 180
gtngtngayg arttyggnaa ymgnttygay gtnaayaayt gywsnathtg ytaycaytgg 240
gtnacnwsnm gnccncarga rccngcngtn ttywsngcng aytaymqngq ntqycayqtn 300
ytngaraarg ayggnmgntt ycayytnmgn gtnttyatgg argcngtnyt nccnaayggn 360
mgngtngayg tngcncarga ygcnacnytn athtqyccna arccngaycc nwsnmgnacn 420
ytngaywsne arytngenee neengenatg ttywsngtnw snacheenea raenythwsn 480
ttyytneena enwsnggnea yaenwsnear ggnwsnggne aygenttyee nwsneenytn 540
gayconggne aywsnwsngt neayeenach congenythe enwsneengg neenggneen 600
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mgngaytaya thggnacnca yytnwsncar garcartgyc argtngcnws nggncayytn 720
centgyathg tnmgnmgnac nwsnaargar gentgycarc argenggntg ytgytaygay 780
aayacnmgng argtneentg ytaytayggn aayacngena engtneartg yttymgngay 840
ggntayttyg tnytngtngt nwsncargar atggcnytna cncaymgnat hacnytngcn 900
aayathcayy tngcntaygc nccnacnwsn tqywsnccna cncarcayac ngarqcntty 960
gtngtnttyt ayttyccnyt nacncaytgy ggnacnacna tgcargtngc nggngaycar 1020
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athacnmgng aywsnachtt ycarythcay gthmgntgyg thttyaaygc nwsngaytty 1140
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aaycenttye arearcenea rtggeenath ytnwsngayg gntgyeentt yaarggngay 1440
wsntaymgna chcaratggt ngchythgay ggngchachc chttycarws hcaytaycar 1500
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ytngtntayy tnttytgyws nacnwsngcn tgycayacnw snggnytnga racntgywsn acngentgyw snacnggnac nacnmgncar mgnmgnwsnw snggncaymg naaygayacn genmgneene argayathgt nwsnwsneen ggneengtng gnttygarga ywsntayggn cargareena enytnggnee naengaywsn aayggnaayw snwsnytnmg neenytnytn tgggengtny tnytnytnee ngengtngen ytngtnytng gnttyggngt nttygtnggn ytnwsneara entgggenea raarytntgg garwsnaaym gnear	1680 1740 1800
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